

METHOD AND APPARATUS FOR PROVIDING MEDICAMENT TO TISSUE

ABSTRACT

A system for delivering medicaments to tissue including a delivery member and an optical fiber formed together into a unitary structure. The optical fiber has an inlet attached to a laser energy source and an outlet for emitting laser energy. The delivery member has an inlet attached to a medicament source and an outlet for injecting medicament. A handpiece is adapted to receive the ablating and injecting device in a controlled and movable relationship and may include at least one tissue stabilizing member thereon. In use, the distal end of the handpiece is placed against tissue to be ablated. The optical fiber is advanced into the tissue while emitting laser energy thereby ablating the tissue and forming a channel therein. During retraction, medicament may be injected into the channel or into the tissue surrounding the channel.